FOIL and Factor solution (version 104)

FOIL the expressions shown below:

1. $(x+4)(x-7)$

$$x^2 - 3x - 28$$

2. $(x-3)(x-8)$

$$x^2 - 11x + 24$$

3. $(x+3)(x+4)$

$$x^2 + 7x + 12$$

4. $(x+5)(x-6)$

$$x^2 - x - 30$$

5. $(x-9)(x-3)$

$$x^2 - 12x + 27$$

Factor the expressions shown below:

6. $x^2 - 3x - 54$

$(x - 9)(x + 6)$

7. $x^2 + 5x - 14$

$(x + 7)(x - 2)$

8. $x^2 + 17x + 72$

$(x + 8)(x + 9)$

9. $x^2 + 2x - 15$

$(x + 5)(x - 3)$

10. $x^2 - 13x + 36$

$(x - 9)(x - 4)$